

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20020045061".pn.	US-PGPUB; USPAT	OR	ON	2009/07/08 16:47
S2	2	(10/582963 11/392604).app.	US-PGPUB; USPAT	OR	ON	2009/07/08 16:47
S3	6	(JP-2001313179-\$ JP- 2000021572-\$ JP- 2000186066-\$ JP- 2002308837-\$ WO- 0141512-\$ WO-0172927-\$)	DERWENT	OR	ON	2009/07/08 16:47
S4	786	(carbazol\$3 or phenylcarbazol\$3).ti. or (carbazol\$3 or phenylcarbazol\$3).ab.	US-PGPUB; USPAT	OR	ON	2009/07/09 08:35
S5	404	(carbazol\$3 or phenylcarbazol\$3).ti.	US-PGPUB; USPAT	OR	ON	2009/07/09 08:36
S6	382	S4 not S5	US-PGPUB; USPAT	OR	ON	2009/07/09 09:14
S7	17	("20020034656"   "5487953"   "5891587"   "6310360").PN. OR ("6660410").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:29
S8	15	("4539507"   "4720432"   "4769292"   "5150006"   "5151629"   "5409783"   "5516577"   "5846666"   "5942340"   "6225467"   "6229012").PN. OR ("6670054").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:32
S9	1	10/584262.app.	US-PGPUB; USPAT	OR	ON	2009/07/09 11:05
S10	462	(Iwakuma-Toshihiro Kawamura-Hisayuki Ikeda- Hidetsugu Hosokawa- Chishio Arakane-Takashi Nakamura-Hiroaki).in.	US-PGPUB; USPAT	OR	ON	2009/07/09 11:07
S11	38210	carbazol\$3 or phenylcarbazol\$3	US-PGPUB; USPAT	OR	ON	2009/07/09 11:07
S12	231	S10 and S11	US-PGPUB; USPAT	OR	ON	2009/07/09 11:07
S13	220	S12 not (S4 or S5)	US-PGPUB; USPAT	OR	ON	2009/07/09 11:08
S14	1	09/818846.app.	US-PGPUB; USPAT	OR	ON	2009/07/09 11:14

S15	5	(JP-2003128651-\$ JP-10059943-\$ JP-2005320277-\$ JP-2005085658-\$ WO-2007108327-\$).did.	DERWENT	OR	ON	2009/07/16 07:27
S16	1	"20070196692".pn.	US-PGPUB; USPAT	OR	ON	2009/07/16 07:27
S17	434	(544/35,347).ccls.	US-PGPUB; USPAT	OR	ON	2009/07/16 08:09
S18	1060	(540/576,588,597).ccls.	US-PGPUB; USPAT	OR	ON	2009/07/16 08:09
S19	421	(548/440).ccls.	US-PGPUB; USPAT	OR	ON	2009/07/16 08:09
S20	105	(556/407).ccls.	US-PGPUB; USPAT	OR	ON	2009/07/16 08:10
S21	12753	(428/690,917 313/504,506 252/301.31,301.32 257/40, E51.49,E51.05,E51.051). cccls.	US-PGPUB; USPAT	OR	ON	2009/07/16 08:19
S22	429325	Luminesc\$5 OR electro \$1luminesc\$5 OR (light ADJ (emitt\$3 or emiss\$3))	US-PGPUB; USPAT	OR	ON	2009/07/16 08:21
S23	45298	electron ADJ (transport\$3 OR transmit\$3 OR inject\$3)	US-PGPUB; USPAT	OR	ON	2009/07/16 08:21
S24	32414	hole ADJ (transport\$3 OR transmitt\$3 OR inject\$3)	US-PGPUB; USPAT	OR	ON	2009/07/16 08:21
S25	212	(S17 or S18 or S19) and (S22 or S23 or S24)	US-PGPUB; USPAT	OR	ON	2009/07/16 08:22
S26	23961	((light ADJ (emitt\$3 or emiss\$3)) OR luminesc\$5 or light-emitting or electroluminescent or electro-luminescent) adj layer	US-PGPUB; USPAT	OR	ON	2009/07/16 09:52
S27	494035	host	US-PGPUB; USPAT	OR	ON	2009/07/16 09:52
S28	786	(carbazol\$3 or phenylcarbazol\$3).ti. or (carbazol\$3 or phenylcarbazol\$3).ab.	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54
S29	404	(carbazol\$3 or phenylcarbazol\$3).ti.	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54
S30	382	S28 not S29	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54
S31	465	(Iwakuma-Toshihiro Kawamura-Hisayuki Ikeda-Hidetsugu Hosokawa-Chishio Arakane-Takashi Nakamura-Hiroaki).in.	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54

S32	38301	carbazol\$3 or phenylcarbazol\$3	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54
S33	233	S31 and S32	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54
S34	222	S33 not (S28 or S29)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54
S35	1308	S21 and (S32 same (S26 or S27) not (S20 or S25 or S29 or S30 or S34))	US-PGPUB; USPAT	OR	ON	2009/07/16 09:54
S36	21924	Phosphoresce\$5 OR (tripl\$3 ADJ (emitt\$3 or emiss\$3))	US-PGPUB; USPAT	OR	ON	2009/07/16 09:56
S37	984	S35 and S36	US-PGPUB; USPAT	OR	ON	2009/07/16 09:56
S38	598	S37 and @ay<= "2005"	US-PGPUB; USPAT	OR	ON	2009/07/16 09:56

7/16/2009 4:01:15 PM

C:\ Documents and Settings\ mwilson1\ My Documents\ EAST\ Workspaces\ Iwakuma-10584262.

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